

Figure 1

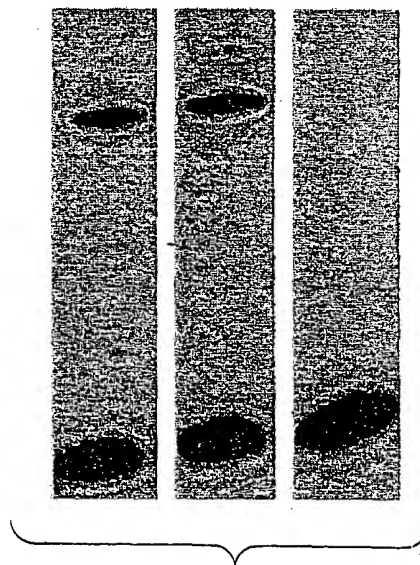


Figure 2

OPS at TopoI cleavage site
↓

TCRIBamS: 5' AATTCGCGGCCGCAAAAAGACTT-GATC 3'

TCRIBamAS: 3' GCGCCGGCGTTTTTCTGAA-CTAG-DMT 5'

Figure 3A

OPS at TopoI cleavage site
↓

TCRBstBS: 5' AATTCGCGGCCGCAAAAAGACTT-CG 3'

TCRBstBAS: 3' GCGCCGGCGTTTTTCTGAA-GC-DMT 5'

Figure 3B

TCRIBamS: 5' AATTCGCGGCCGCAAAAAGACTTGATC 3'

TCRIBamAS: 3' GCGCCGGCGTTTTTCTGAACTAG 5'

Figure 3C

GATC removed on topo cleavage to give BamHI compatible 5' overhang

5' AATTCGCGGCCGCAAAAAGACTTGATCAAGTCTTTTTGCGGCCGCG 5'

3' GCGCCGGCGTTTTTCTGAACTAGTTCAGAAAAACGCCGGCGCTTAA 3'

Figure 3D

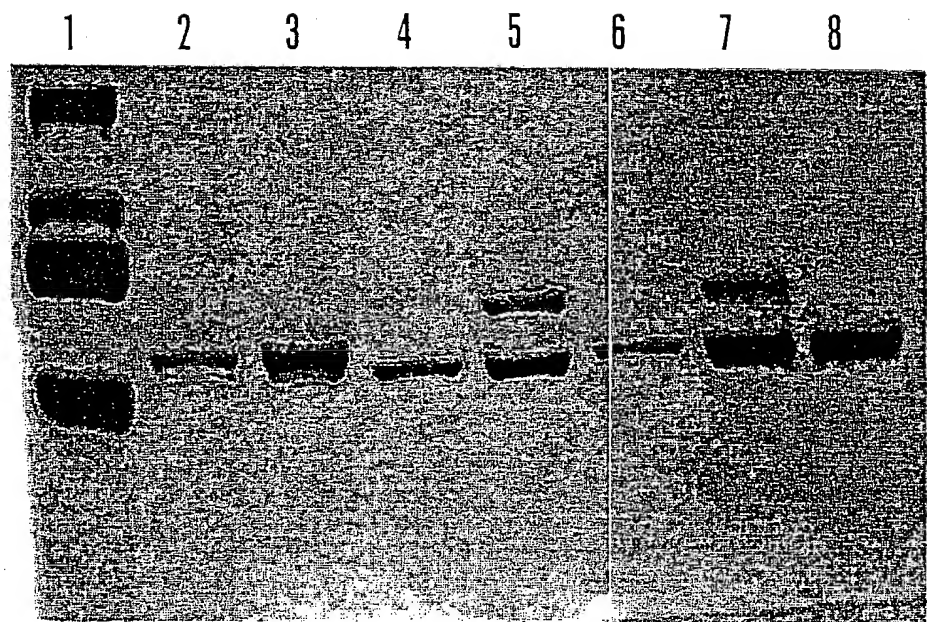


Figure 4

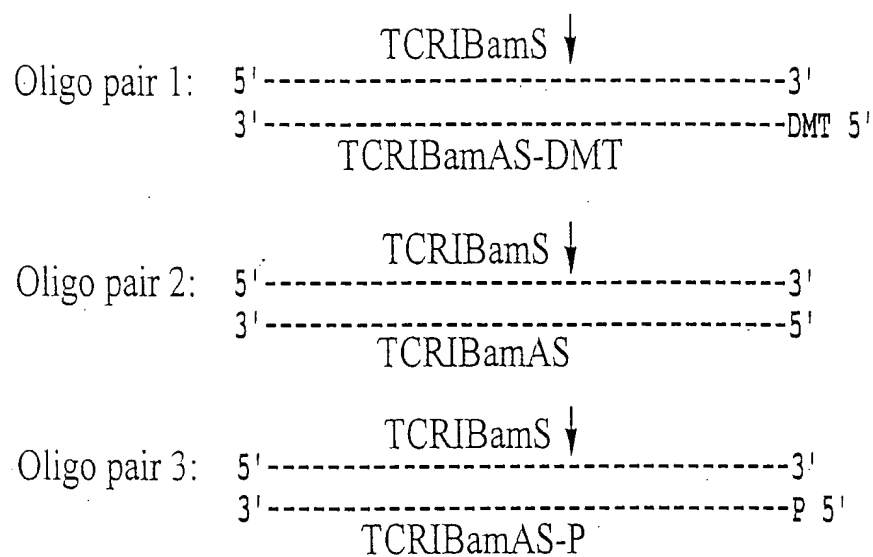


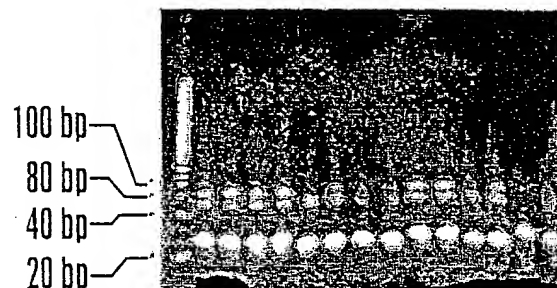
Fig. 5A

"↓" indicates site of topo cleavage

Oligo pair 4: TCR1BstBS + TCRABstBAS-DMT

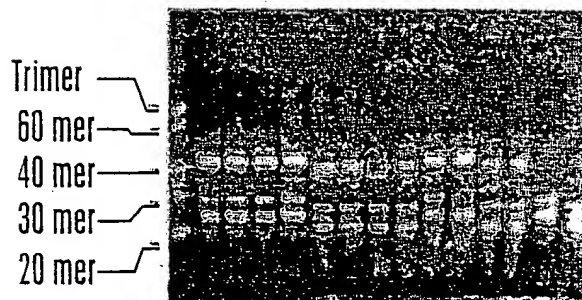
Oligo pair 5: TCR1BstBS + TCRABstBAS

Oligo pair 6: TCR1BstBS + TCRABstBAS-P



4 - 20% PAGE

Figure 5B



20% PAGE UREA

Figure 5C

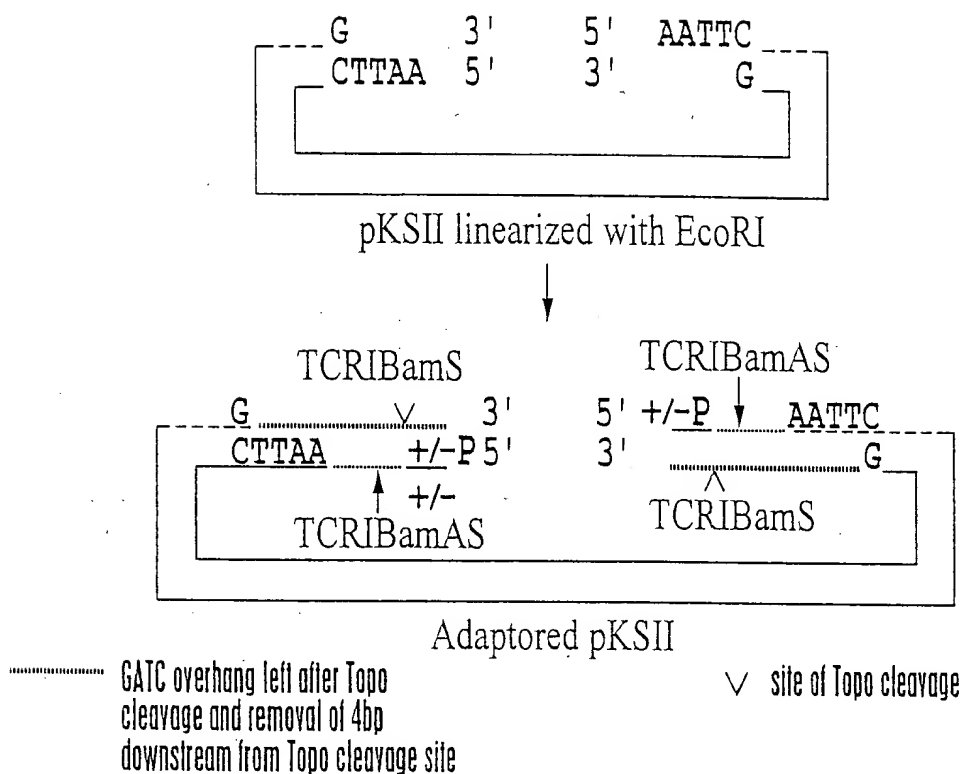


Figure 6A

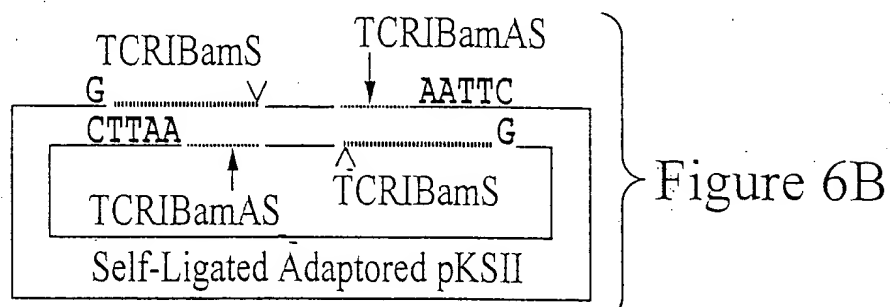


Figure 6B

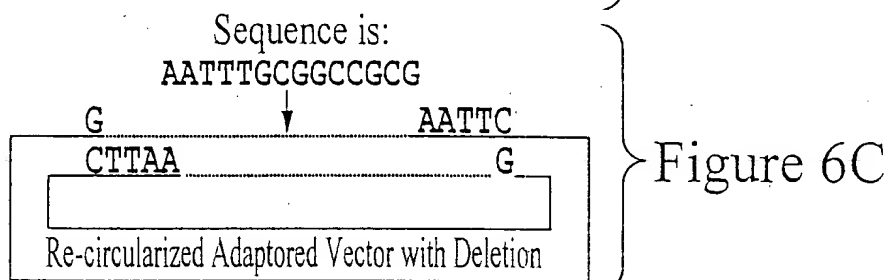


Figure 6C

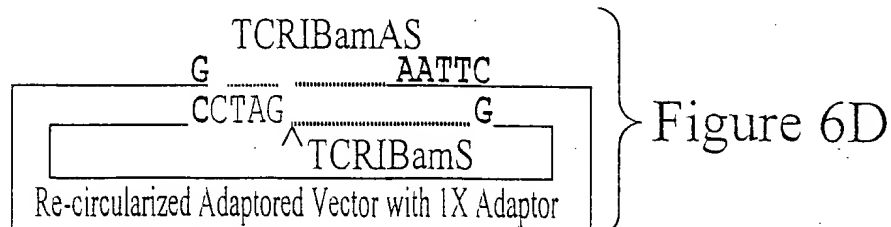


Figure 6D

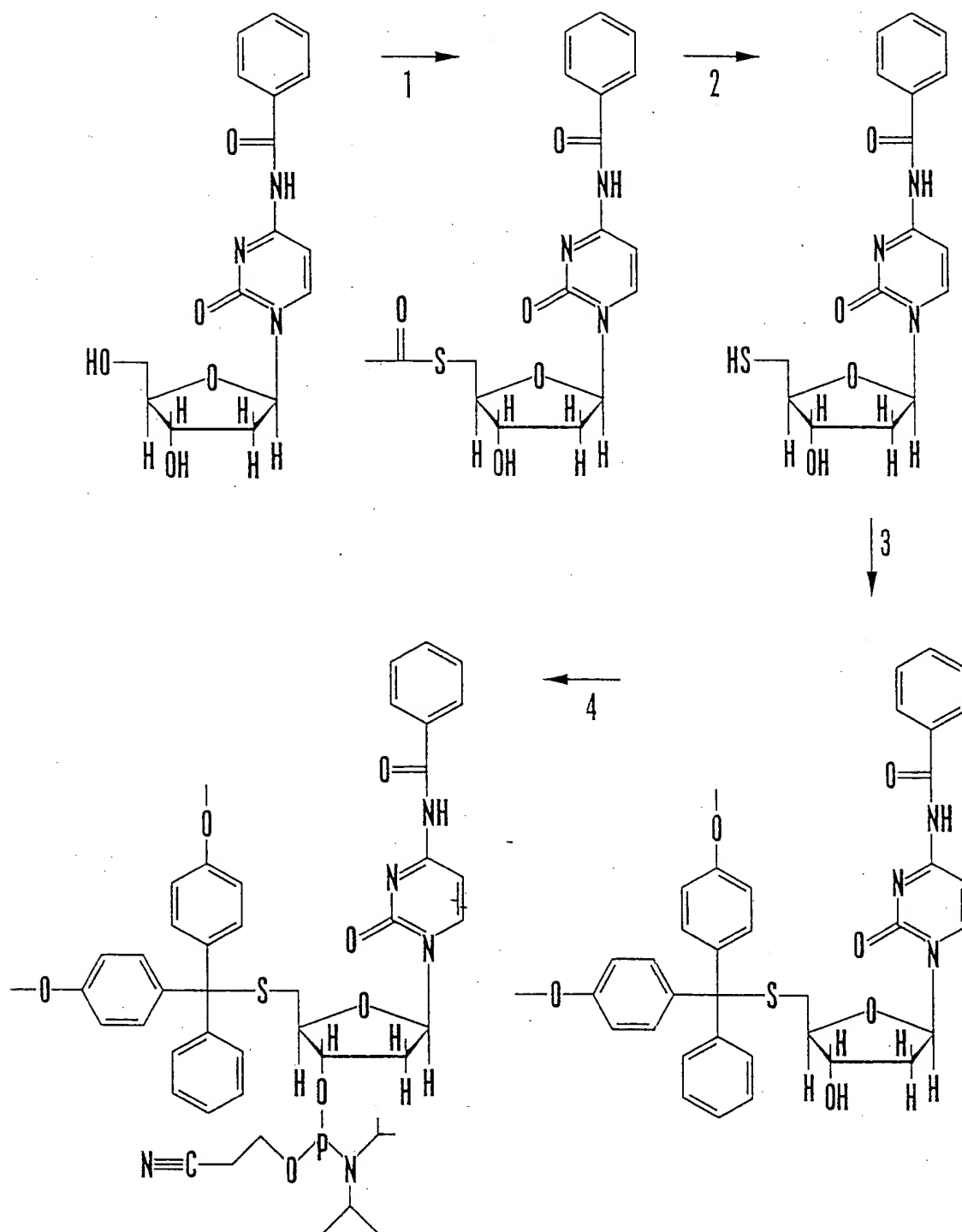


Figure 7A

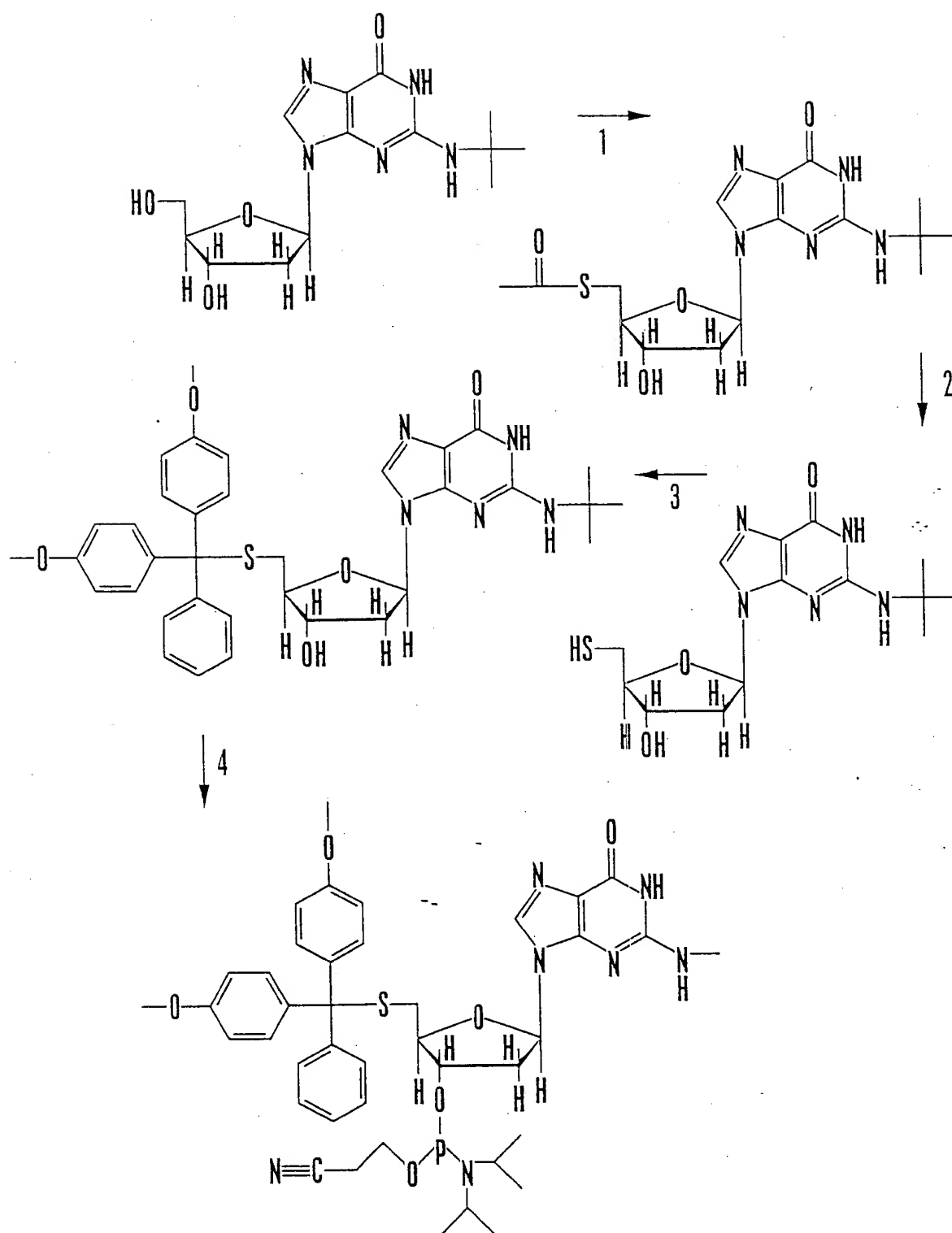


Figure 7B

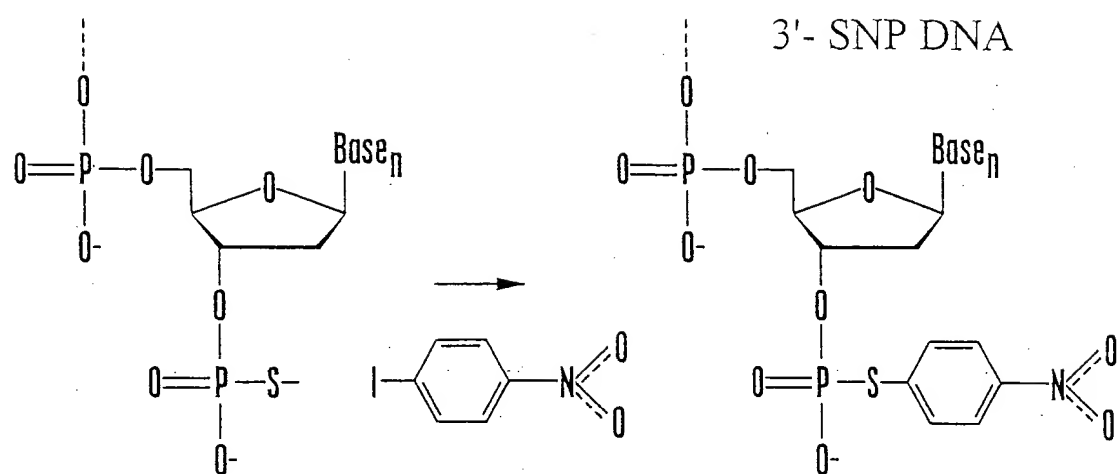


Figure 8